



1 Claim 5. (Previously Presented) The device of Claim 1 wherein: 1  
2 said rear surface is mirrored. 2

1 Claim 6. (Previously Presented) The device of Claim 1 wherein: 1  
2 said rear surface is darkened. 2

1 Claim 7. (Previously Presented) The device of Claim 1 wherein: 1  
2 said rear surface is granulated. 2

1 Claim 8. (Previously Presented) The device of Claim 1 wherein: 1  
2 said rear surface is coated. 2

1 Claim 9. (Previously Presented) The device of Claim 1 further 1  
2 comprising: 2  
3 means external to said light distribution device delivering energy to 3  
4 said light cartridge. 5

1 Claim 10. (Previously Presented) The device of Claim 9 wherein: 1  
2 said external means supplies electrical energy to said cartridge. 2

1 Claim 11. (Previously Presented) The device of Claim 9 wherein: 1  
2 said external device supplies non-electric energy to said cartridge. 2

1           Claim 12. (Previously Presented) The device of Claim 9 wherein: 1  
2           said external device supplies optical energy to said cartridge. 2

1           Claim 13. (Previously Presented) The device of Claim 1 further 1  
2           comprising: 2  
3           means for controlling the amount of infrared radiation emitted by 3  
4           said light panels. 4

1           Claim 14. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is flat. 2

1           Claim 15. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surfaced is convex. 2

1           Claim 16. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is concave. 2

1           Claim 17. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is carved. 2

1           Claim 18. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is textured. 2

1           Claim 19. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is etched. 2

Claim 20. (Cancelled)

1           Claim 21. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface is sculpted. 2

1           Claim 22. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface has material applied thereto to form letters. 2

1           Claim 23. (Previously Presented) The device of Claim 1 wherein: 1  
2           said front surface has material applied thereto to modify the light 2  
3           transmitted from said front surface. 3

1           Claim 24. (Previously Presented) The device of Claim 1 wherein: 1  
2           at least one of said lens panels contains a hollow portion. 2

1           Claim 25. (Previously Presented) The device of Claim 24 wherein: 1  
2           said hollow portion of said lens panel is filled with fluid. 2

1           Claim 26. (Previously Presented) The device of Claim 1 wherein: 1

2                    said light cartridge contains means for projecting television-like                    2  
3                    signals onto said front surface of said light panel.                    3

1            Claim 27. (Previously Presented) The device of Claim 1 comprising:1  
2            at least two of said lens panels having their bases attached and            2  
3            extending outwardly from said bases in opposing relation.            3

1 Claim 28. (Previously Presented) The device of Claim 1 comprising: 1  
2 at least two of said lens panels having their bases attached and 2  
3 extending outwardly from said bases with said front surfaces defining an 3  
4 angle to each other. 4

1 Claim 29. (Previously Presented) The device of Claim 9 wherein: 1  
2 said light cartridge contains a light source and said delivering means2  
3 is an electrical cable. 3

1 Claim 30. (Previously Presented) The device of Claim 9 wherein: 1

2 said delivering means is a light pipe. 2

1 Claim 31. (Previously Presented) The device of Claim 9 wherein: 1

2 said delivering means is a laser. 2

1 Claim 32. (Previously Presented) The device of Claim 1 wherein: 1



2           said device is mounted on the framing studs of a building to form a2  
3 wall panel for a room within said building. 3

1           Claim 39. (Previously Presented) The device of Claim 1 wherein: 1  
2           said device is mounted on the framing studs of a building to form a2  
3 ceiling panel for a room within said building. 3

1           Claim 40. (Previously Presented) The device of Claim 1 wherein: 1  
2           said device is embedded in the ground to form a section of a 2  
3 sidewalk. 3

1           Claim 41. (Previously Presented ) The device of Claim 1 wherein: 1  
2           said device is embedded in the ground to form a section of a road. 2

1           Claim 42. (Currently Amended) An article of furniture compri- 1  
2 sing: 2  
3           at least one light distribution device having a pair of light transmit-3  
4 ting lens panels having a base a front surface extending outwardly from 4  
5 one edge of said base and a rear surface extending outwardly from the op- 5  
6 posite edge of said base and inclining toward the outer edge of said front 6

7 surface, and one of said lens panels formed with a recess adjacent said base,7  
8 and 8  
9 a light cartridge mounted adjacent said base to transmit light 9  
10 through said lens panel. 10

1 Claim 43. (Previously Presented ) The device of Claim 1 wherein: 1  
2 said lens panel is arcuate. 2

1 Claim 44. (Previously Presented) The device of Claim 1 wherein: 1  
2 said device is mounted under water. 2

1 Claim 45. (Previously Presented ) The device of Claim 1 wherein: 1  
2 said device is mounted in an explosive atmosphere. 2

1 Claim 46. (Previously Presented) The device of Claim1 wherein: 1  
2 said device serves to regulate the temperature of the surrounding 2  
3 area. 3

1 Claim 47. (Previously Presented) The device of Claim 1 wherein: 1  
2 said device serves as a sign. 2



1 Claim 48. (Previously Presented) The device of Claim 32 wherein ;1  
2 said light modifying means projects images into said lens panel. 2

1 Claim 49. (Previously Presented) The device of Claim 48 wherein: 1  
2 said light modifying means is a television projection system 2

1 Claim 50. (Cancelled)

1 Claim 51. (Previously Presented) A light-emitting structure 1  
2 including: 2  
3 at least two lens panels, each of said lens panels comprising: 3  
4 a geometric base, a front surface extending outwardly from one 4  
5 edge of said base and a rear surface extending outward from the opposite 5  
6 edge of said base and inclining toward the outer edge of said front surface;6  
7 said lens panels being mounted in base to base relation; and 7  
8 a light cartridge connecting said bases and serving to deliver light 8  
9 through said lens panels. 9

1 Claim 52. (Currently Amended) A structure comprising at least one 1  
2 light-emitting panel as a structural component thereof, said panel compri- 2  
3 sing a base, a front surface extending outwardly from one edge of said base 3  
4 and a rear surface extending outward from the opposite edge of said base 4  
5 and inclining toward the outer edge of said front surface, 5

6                   a recess formed adjacent the base of at least one of said lens panels, 6  
7           and 7  
8           a light cartridge mounted within said recess. 8

1                   **Claim 53. (previously Presented) The structure of Claim 52 where- 1**  
2           **in: 2**  
3           **said structure is a piece of furniture. 3**

1                    Claim 54. (Previously Presented) The structure of Claim 52 where- 1  
2                    in: 2  
3                    said structure is a vehicle-bearing surface. 3

1 Claim 55. (Currently Amended) The structure of Claim 52 wherein:1  
2 said light-emitting panel is hollow, and 2  
3 means for supplying fluid through said panel. 3

1 Claim 56. (Currently Amended) The structure of Claim 52 wherein:1  
2 said structure is a sidewalk. 2

1                    Claim 57. (Previously Presented) The structure of Claim 56 where- 1  
2                    in: 2

3           said light-emitting panel is hollow, and                                                 3

4           means for supplying hot fluid through said panel.                                         4

1 Claim 58. (Previously Presented) The structure of Claim 52 where- 1  
2 in: 2  
3 said structure has an interior wall and said light-emitting panel forms 3  
4 a structural component of said interior wall. 4

1 Claim 59. (Previously Presented) The structure of Claim 52 where- 1  
2 in: 2  
3 said structure has an exterior wall and said light-emitting panel 3  
4 forms a structural component of said exterior wall. 4

1            Claim 60. (Previously Presented) The structure of Claim 52 wherein:1  
2            said structure includes an architectural dome and said light-emitting 2  
3            panel forms a structural component of said dome. 3

1                    Claim 61. (Previously Presented) The structure of Claim 52 wherein: 1  
2                    said structure is hollow and includes means for passing a fluid                    2  
3                    through said panel, and                    3  
4                    means for passing ultraviolet light through said panel to treat said                    4  
5                    fluid.                    5